

CLAIMS

1. A box for paying out filamentary material from a coil of filamentary material contained in the box, the box having a pair of opposite faces and a front face with an aperture formed in the front face, the aperture shaped and sized to permit payout
5 of the filamentary material through the aperture, wherein the opposite faces are on divergent planes and the opposite faces each share an edge with the front face.

2. A box as set forth in claim 1, further comprising a second pair of opposite faces, wherein said second pair of opposite faces are trapezoid shapes.
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3. A box as set forth in claim 2, further comprising a payout tube extending from the aperture and through an opening formed through an edge of the coil for permitting payout of filamentary material.

4. A box as set forth in claim 3, further comprising a filament lock defined in a wall of the payout tube for retaining an outer end of the filamentary material.
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5. A box as set forth in claim 4, wherein the filament lock comprises an opening through the wall of the payout tube and retention fingers extending into the
20 opening to hold the outer end of the cable.

6. A box as set forth in claim 3, wherein a flange extends outwardly from an outer end of the payout tube and is secured to the front face.

7. A box as set forth in claim 3, wherein the payout tube is tapered.
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8. A box as set forth in claim 6, wherein the flange is secured to the outside of the box.

9. A box as set forth in claim 3, wherein the payout tube has a multifaceted wall of alternating flat and arcuate sections.
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10. A box as set forth in claim 3, wherein the multifaceted wall having four flat sections and four arcuate sections.

5 11. A box as set forth in claim 3, having a recess defined in the payout tube to engage an edge of the aperture.

12. A box as set forth in claim 11, wherein the recess comprises a slot defined through a wall of the payout tube.

10 13. A box as set forth in claim 11, wherein the recess comprises a groove defined around the payout tube near an outer end.

14. A box as set forth in claim 1, wherein the front face is formed of two overlapped flaps, one of which has a slot defined therein for receiving the payout tube radially to a central axis of the payout tube.

15 15. A box as set forth in claim 14, wherein the slot has tabs defined thereabout for retaining the payout tube.

20 16. A box as set forth in claim 14, wherein the slot has a keyhole shape for retaining the payout tube.

17. A box as set forth in claim 14, wherein the box is defined by two sheets of material, the second sheet of material defining the one of the flaps having the slot.

25 18. A box as set forth in claim 14, wherein the box is defined by only one sheet of material.

19. A box as set forth in claim 2, wherein the box is defined by only one sheet of material.

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20. A box as set forth in claim 1, wherein the opposite faces are inner faces,
the box further comprising:

a pair of outer faces on parallel planes outside of the pair of opposite faces.

5 21. A box as set forth in claim 1, loaded with the coil of filamentary material.

22. A box as set forth in claim 2, loaded with the coil of filamentary material.